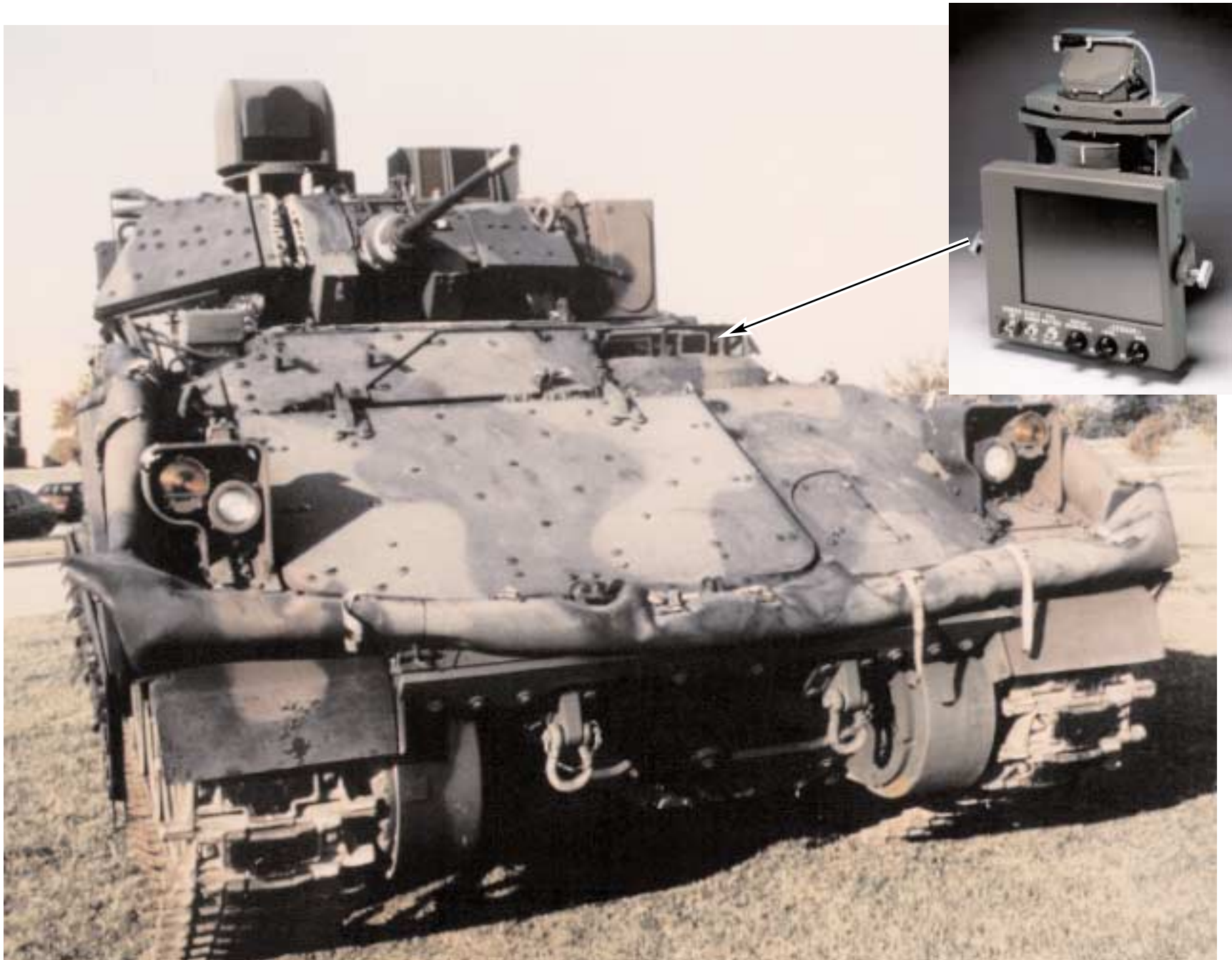


# Driver's Vision Enhancer (DVE)



**MISSION**

Provide drivers of combat and tactical-wheeled vehicles with unparalleled flexibility to continue day or night operations during periods of severely degraded visual conditions caused by smoke, fog, dust, or similar conditions.

**DESCRIPTION AND SPECIFICATIONS**

The AN/VAS-5 Driver's Vision Enhancer (DVE) thermal viewing system increases vehicle mobility under very poor driving conditions. The DVE's cost is very low, compared to other forward-looking infrared (FLIR) sensors. The DVE provides mobility under the same conditions as the target engagement sensors, enabling a critical "go vs. no go" capability. The DVE provides situational awareness, target and ambush detection, and vehicle tracking. For the first time, combat service support will be able to keep up with the warfighter.

The DVE's sensor module consists of a second-generation FLIR. The output device consists of a high-quality commercial flat-panel display and control module. The system is "driver friendly" and easy to use. DVE video imagery may be distributed to other vehicle crew members. The DVE also contains a data port for linkage to the digitized battlefield. The DVE can be easily adapted to any current or future U.S. or North Atlantic Treaty Organization (NATO) combat and tactical-wheeled vehicle, due to its horizontal technology integration features. These vehicles include the following:

- Abrams M1A2 and USMC M1A1
- Bradley M2A2 ODS and M2A3
- Command and Control Vehicle
- Family of Medium Tactical Vehicles (FMT)
- Grizzly
- Heavy Equipment Transporter System (HETS)
- Heavy Expanded Mobility Tactical Truck (HEMTT)
- Hercules
- High Mobility Multipurpose Wheeled Vehicle (HMMWV)
- M58 Smoke Vehicle
- M56 Smoke Vehicle
- Paladin
- Palletized Loading System (PLS)
- United States Marine Corps (USMC) Amphibious Assault Vehicle
- USMC Armored Vehicle Launched Bridge
- USMC Light Armored Vehicle
- Wolverine

**FOREIGN COUNTERPART**

No known foreign counterpart

**FOREIGN MILITARY SALES**

None

**PROGRAM STATUS**

**3QFY97** Fielded to Bradley M2A2ODS.

**3QFY98** Awarded three-year multi-year FFP.

**4QFY98** Full materiel release M58.

**1QFY99** Fielded to M58.

**2QFY99** 2nd program year award; DVE build.

**1QFY00** DVE test: production qualification testing.

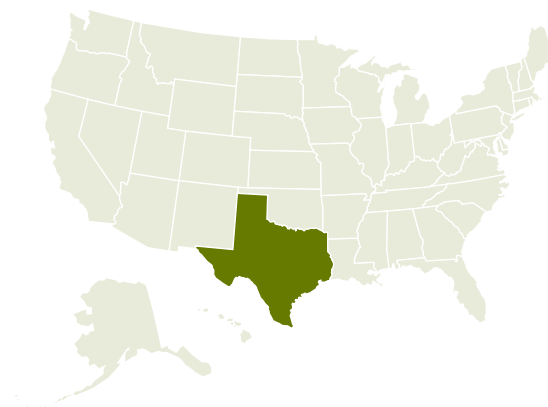
**2QFY00** DVE test: USMC operational test and evaluation.  
PM M56 customer test.

**PROJECTED ACTIVITIES**

**4QFY00** DVE deliveries.

**PRIME CONTRACTORS**

Raytheon (Dallas, TX)



\* See appendix for list of subcontractors



Project the Force



Protect the Force



Gain Information  
Dominance



Shape the Battlespace



Conduct Decisive  
Operations



Sustain the Force